



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Friday, January 13, 2017

Issued: 0800 CT

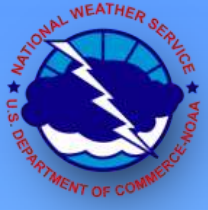
Day 1 Weather Impacts - Freezing Rain has started and expected to continue over N & Central OK into the Panhandles.

National Weather Service

***Southern Region Headquarters
Regional Operations Center
Fort Worth, TX***



**Prepared by: Jennifer McNatt
817-978-1100 x 147**



Key Points

Today and Saturday

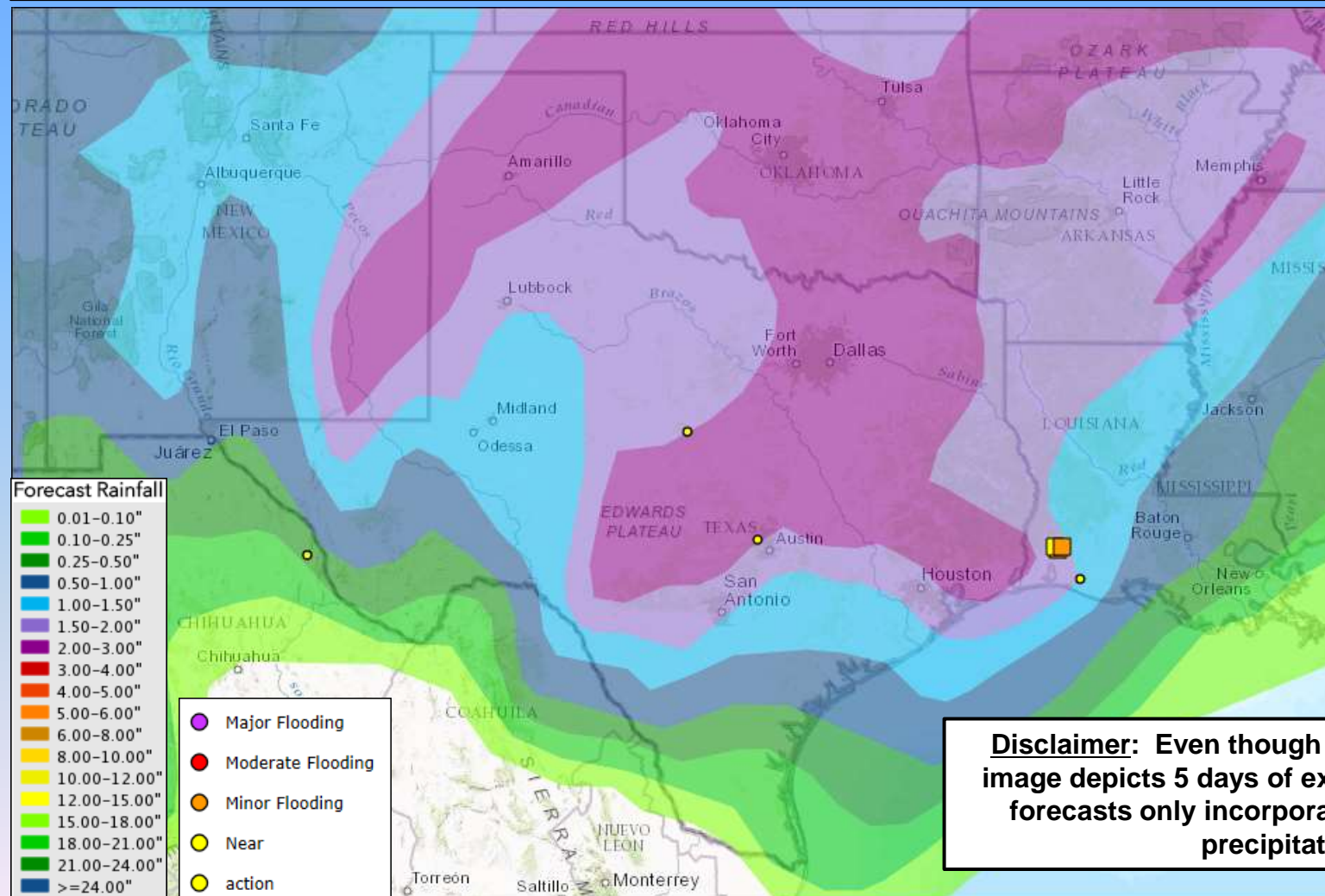
- Freezing rain has begun over N & Central OK this morning; likely to continue throughout the day
- Freezing rain potential continues over N & W OK into the Panhandles on Saturday; highest ice accumulations expected over NW OK on Saturday
- Throughout the event, OK and the Panhandles could see totals of $\frac{1}{4}$ to $\frac{1}{2}$ inches of ice accumulations, NW OK could see up to $\frac{3}{4}$ inches
 - Power outages and travel impacts are likely for these areas
- A few strong storms possible over SE NM & W TX on Saturday, hail is the main threat

Sunday through Tuesday

- Heavy rain expected to develop from the Panhandles through W TX on Sunday; shifting eastward Sunday/Monday and looks to linger over eastern portions of the Region through mid-week
 - Slight risk of severe storms on Sunday over W-Cntrl TX; damaging winds and hail are the main threats
 - Heavy rain/strong storm threat shifts into SE OK, AR, E TX on Monday and into SE AR, LA, SE TX on Tuesday

5-Day Precipitation Forecast & River Flood Status

With this 5-day expected rainfall, widespread significant flooding is not a concern, but localized river rises are possible, especially in TX, OK and AR.



Disclaimer: Even though the forecast rainfall image depicts 5 days of expected rainfall, river forecasts only incorporate 2 days worth of precipitation.

For the latest on river flooding: <http://water.weather.gov/ahps>

*FEMA Region 6 Threat Matrix

Jan 13, 2017 - Jan 17, 2017

	FRI	SAT	SUN	MON	TUE
Severe Weather		SE NM, W TX	W-Central TX	E TX	SE TX, LA
Heavy Rain / Flash Flooding		E NM	W & Central TX	AR, SE OK, NE/E TX	SE AR, LA, SE TX
Winter Weather	NE and Cntrl OK, TX Panhandle	NW OK	NW OK, Panhandles	N-Central NM	
		N & W OK, Panhandles	NM		
Fire Weather					
River Flooding			Isolated across Cntrl & E portions of the Region	Isolated across Cntrl & E portions of the Region	Isolated across Cntrl & E portions of the Region

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

For more details on the colors in the threat matrix refer to the last slide in this briefing.

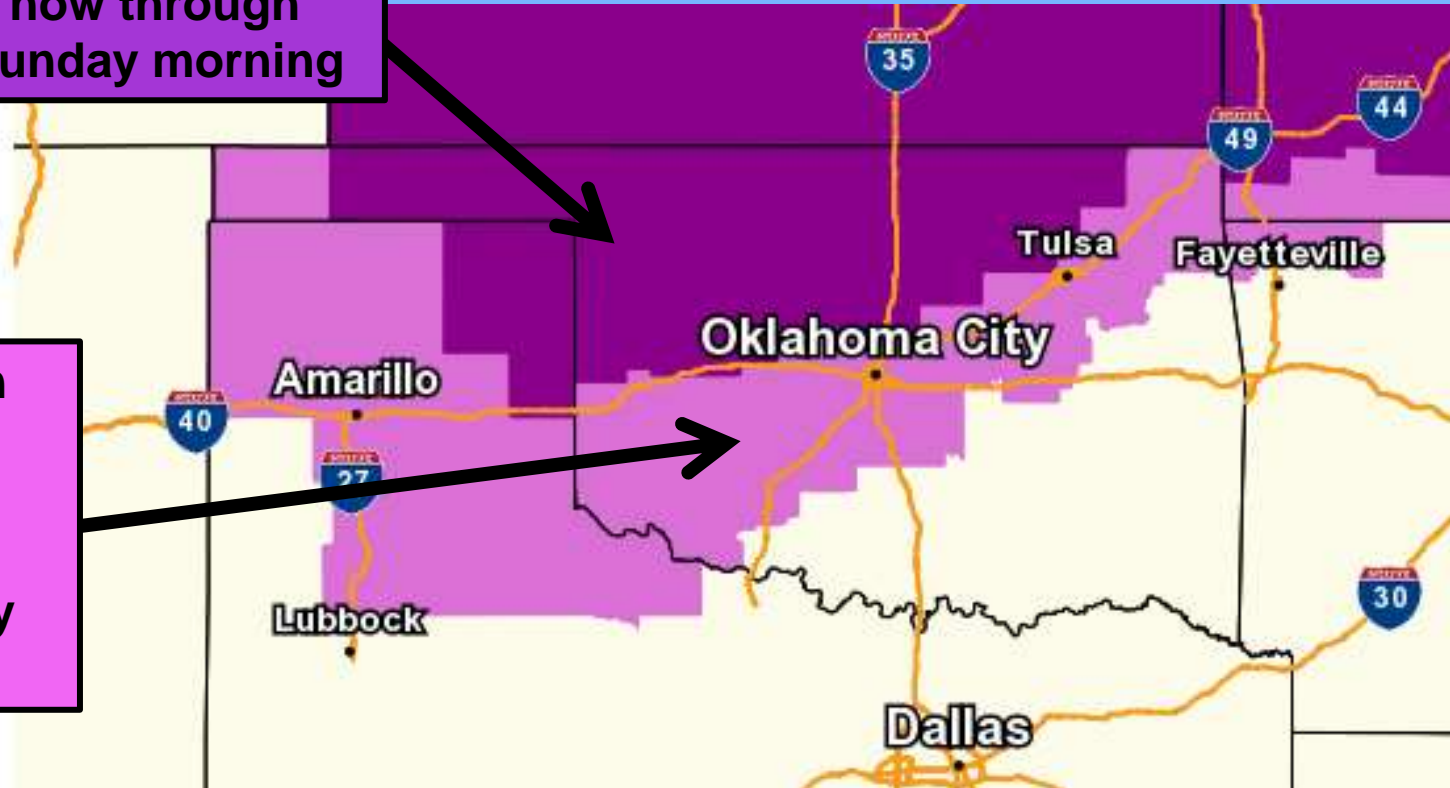


Current Watches, Warnings, Advisories

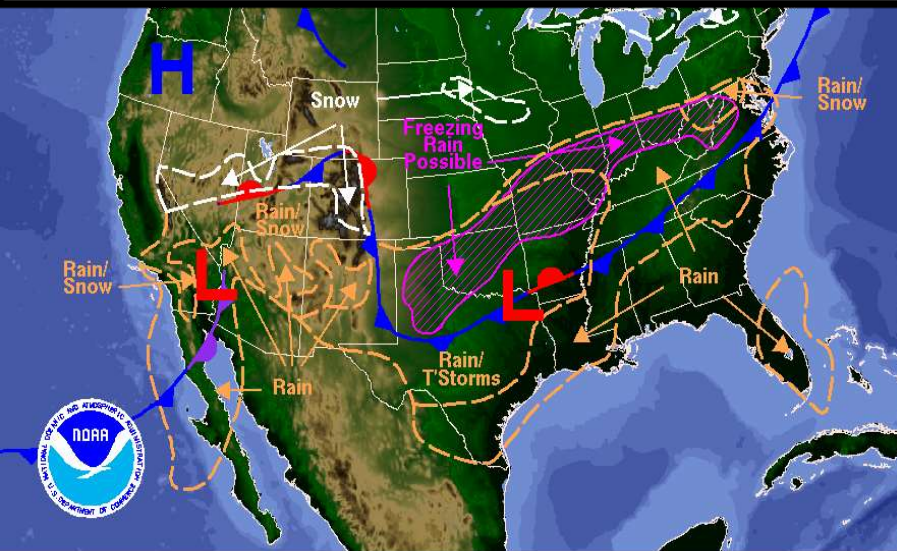
**Ice Storm
Warnings in effect
now through
Sunday morning**

■ Ice Storm Warning
■ Freezing Rain Advisory

**Freezing Rain
Advisories in
effect now
through late
Saturday/early
Sunday**

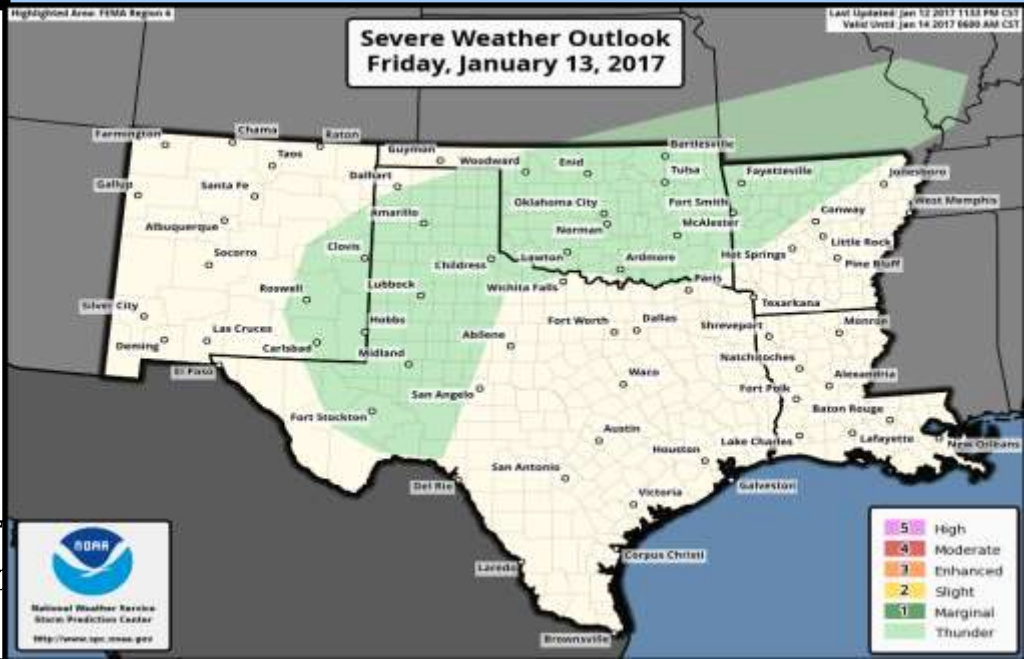
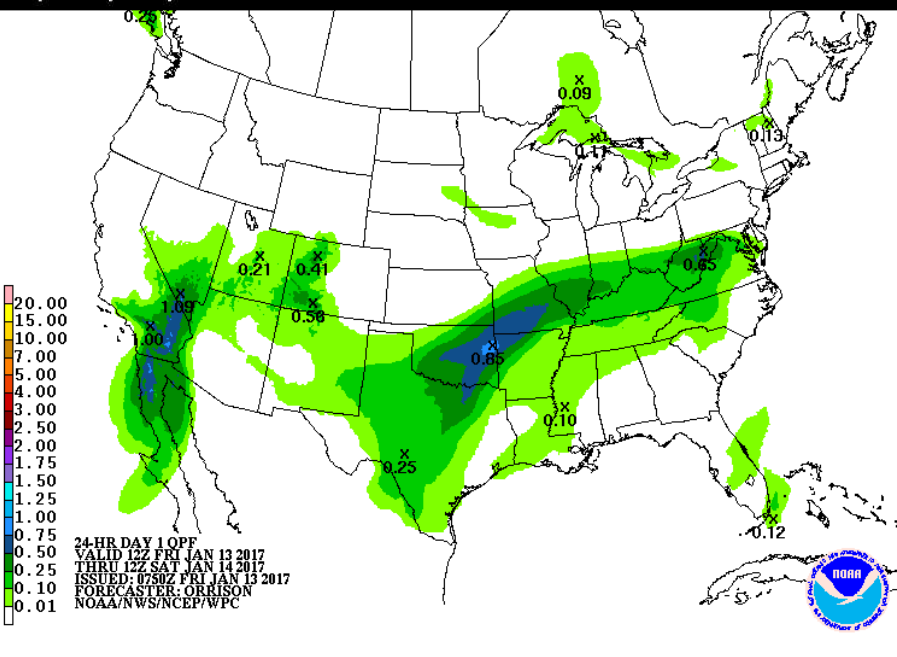


Today's Weather



Freezing rain currently being reported over N-Central OK. See next slide for expected ice amounts today and tonight. Widespread power outages and travel impacts possible.

Weather Forecast for Fri, Jan 13, 2017, issued 4:36 AM EST
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McReynolds based on WPC, SPC and NHC forecasts



Forecasted Ice Accumulations through Saturday morning

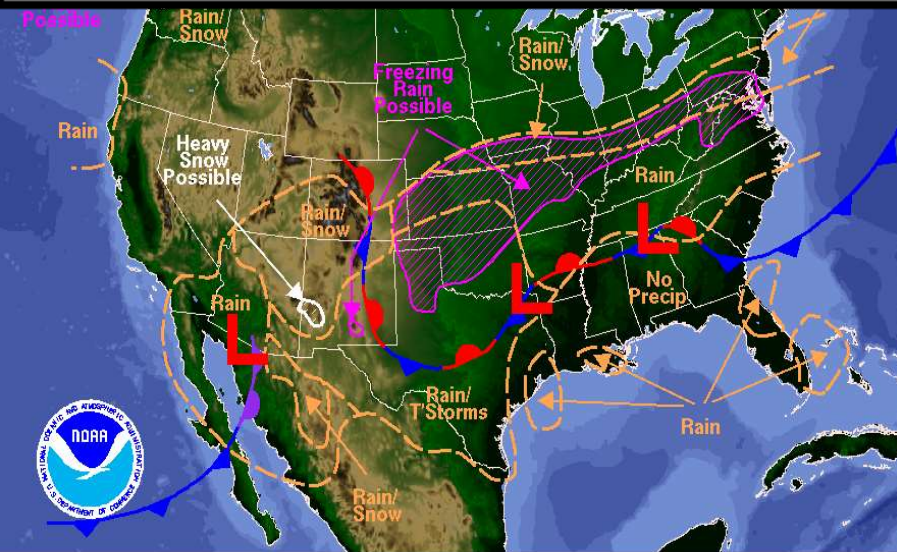
Valid Ending Saturday January 14th, 2017 at 6 AM CST

- 0.01 to 0.10 inch
- 0.10 to 0.25 inch
- 0.25 to 0.50 inch
- 0.50 to 0.75 inch
- 0.75 to 1.0 inch
- 1.0 to 2.0 inch
- Greater than 2.0 inch



Graphic Created
January 13th, 2017
5:22 AM CST

Tomorrow's Weather

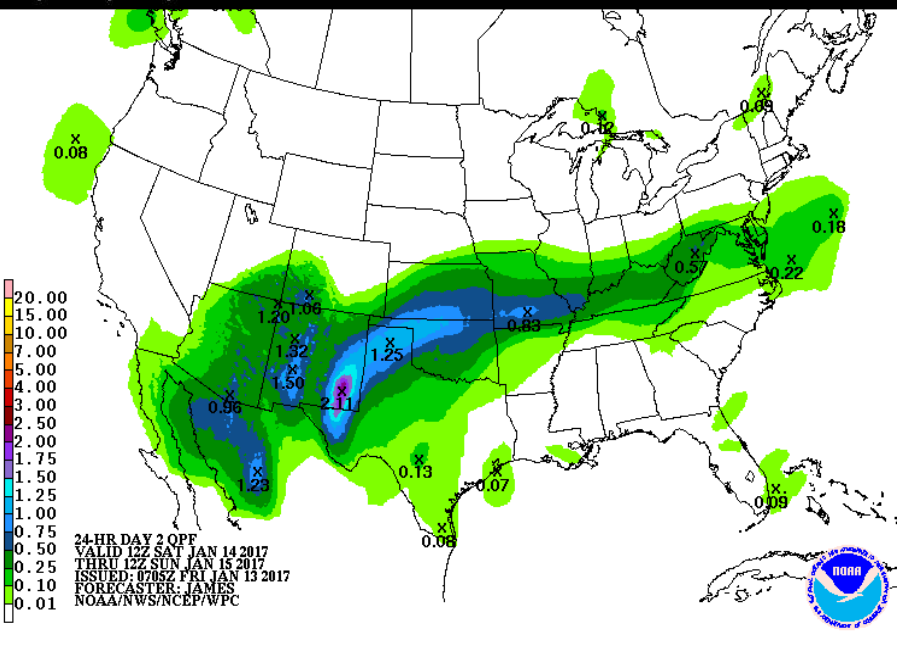


Weather Forecast for Sat, Jan 14, 2017, issued 4:46 AM EST Fri, Jan 13, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

Freezing rain expected to continue Saturday over N & W OK into the TX/OK Panhandles; Widespread power outages and travel impacts possible.

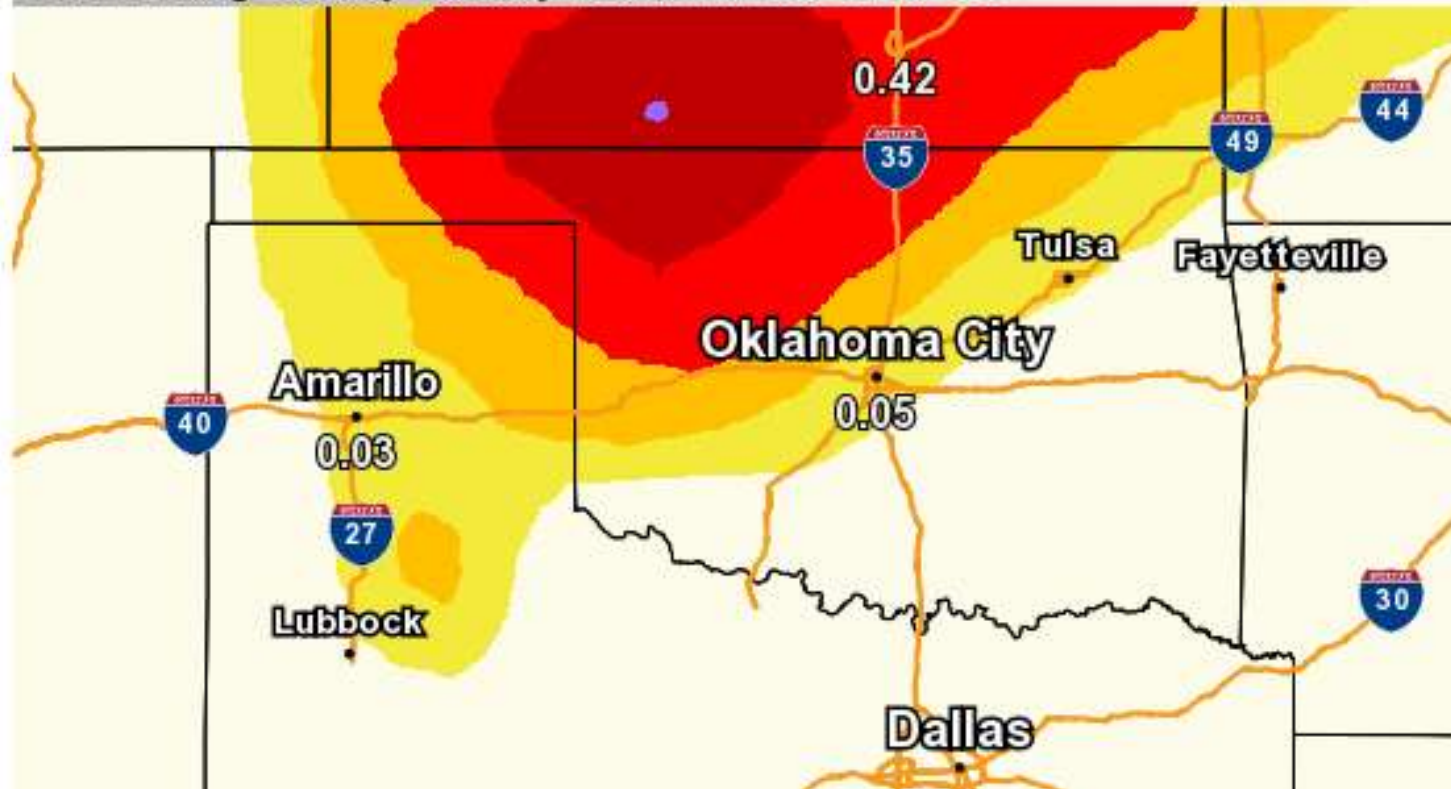
Highest ice totals in NW OK

A few strong storms possible over SE NM and W TX Saturday night into Sunday morning; hail is the main threat. Heavy rain also possible in E NM.



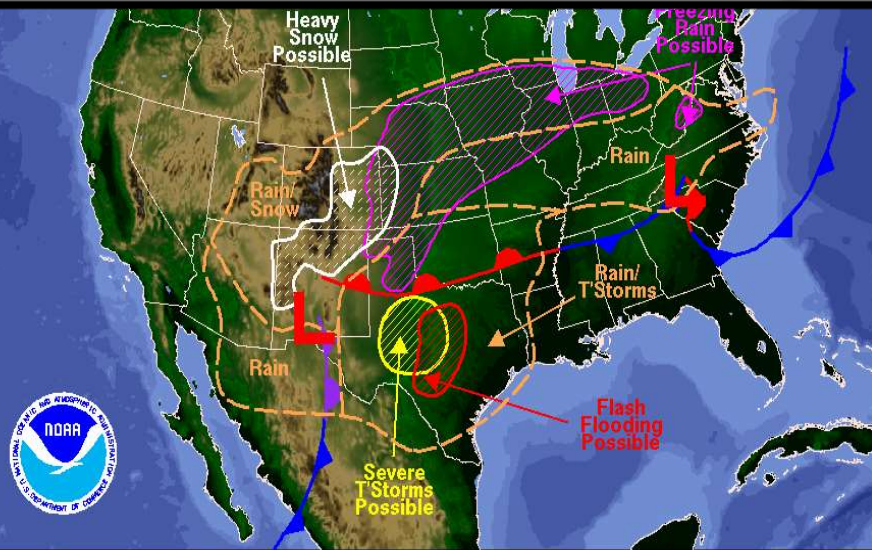
Forecasted Ice Accumulations Saturday morning through Sunday morning

Valid Ending Sunday January 15th, 2017 at 6 AM CST



Graphic Created
January 13th, 2017
5:33 AM CST

Sunday's Weather



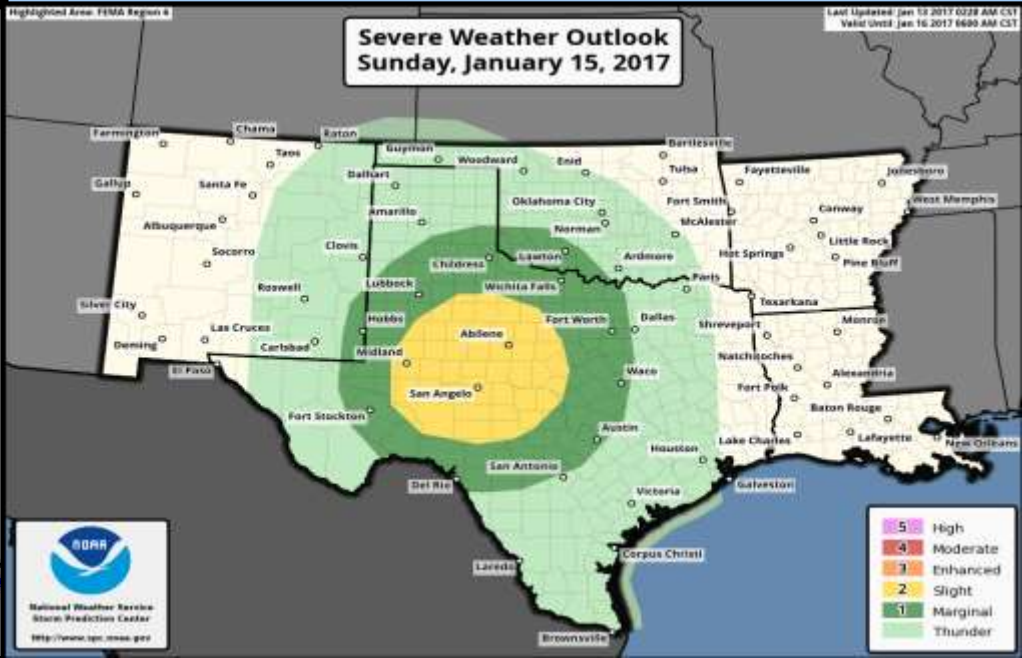
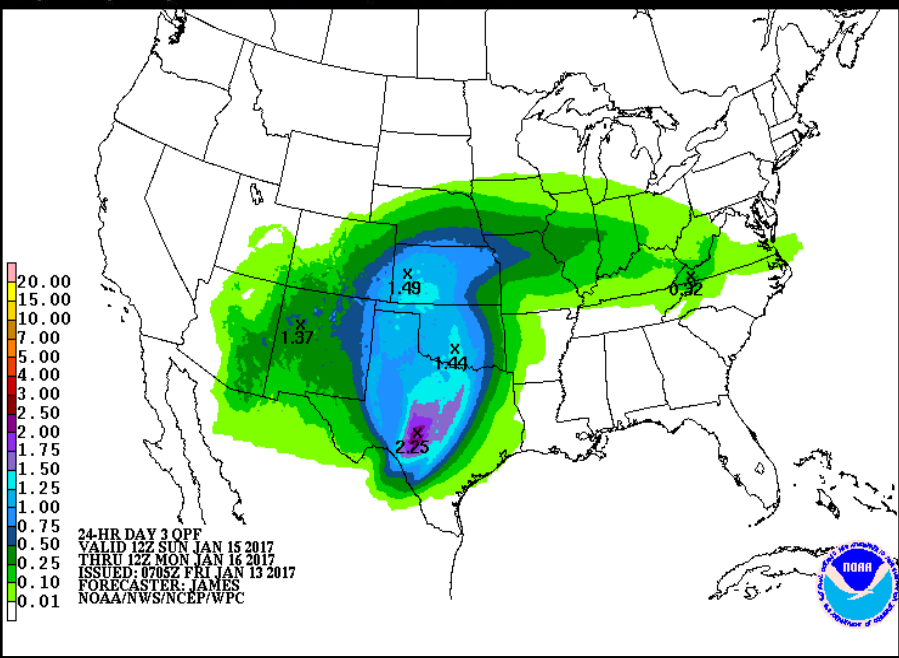
Weather Forecast for Sun, Jan 15, 2017, issued 5:02 AM EST Fri, Jan 13, 2017
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McReynolds based on WPC, SPC and NHC forecasts

Significant snow totals possible in N-Cntrl NM.

Some lingering freezing rain Sunday morning over NW OK into the TX/OK Panhandles; power outages and travel impacts possible.

Slight risk of severe storms over W-Central TX; damaging winds and hail are main threats.

Heavy rainfall possible over much of central and west TX.



Day 4-5 Weather Hazards







Valid: 0800 Mon - 0800 Wed



Snow will be tapering off Monday, but travel impacts remain possible

Heavy rain, strong storms possible Monday

Heavy rain, strong storms possible Tuesday

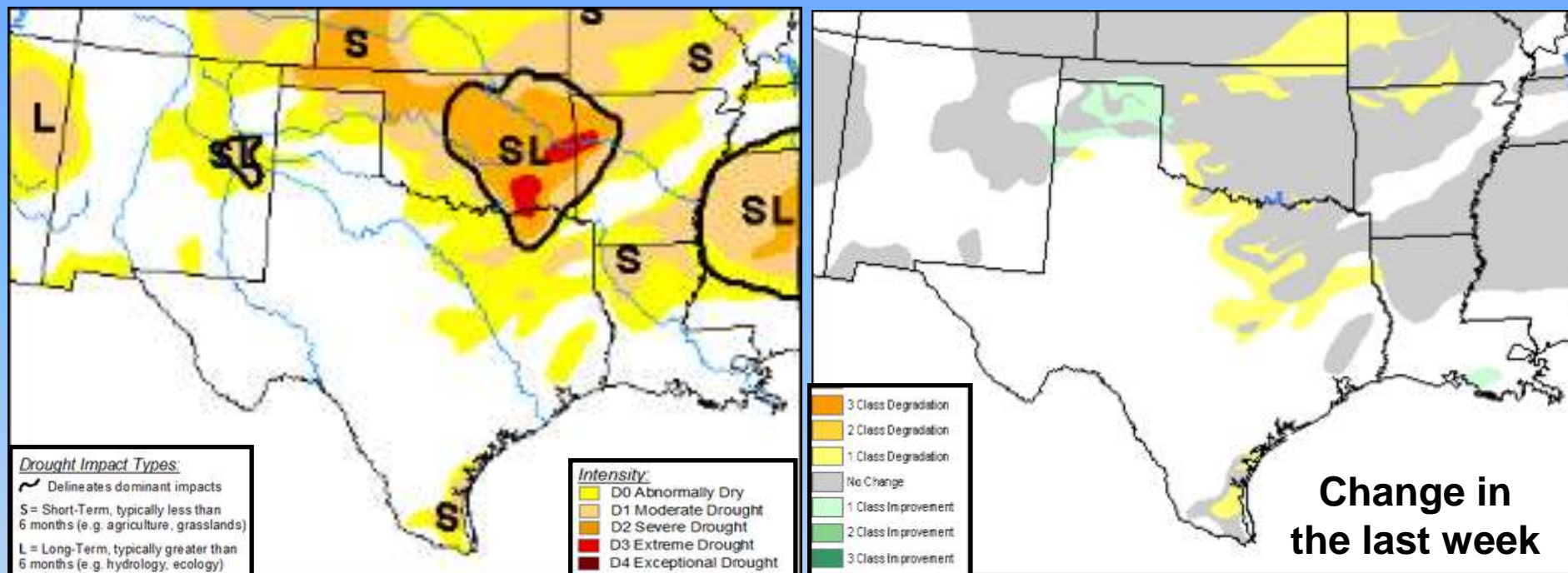
	No Weather Threats Expected
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*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



Drought Monitor Released January 12, 2016

Data valid as of 7am CDT, Tuesday January 10, 2016



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	5.66%	5.55%	0.00%	0.00%
Texas	0.14%	0.04%	0.00%	0.00%
Arkansas	2.02%	2.02%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

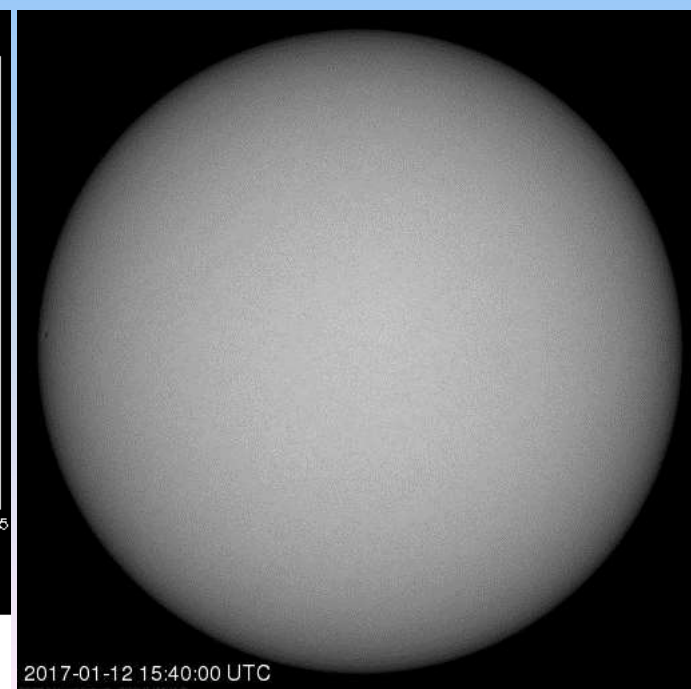
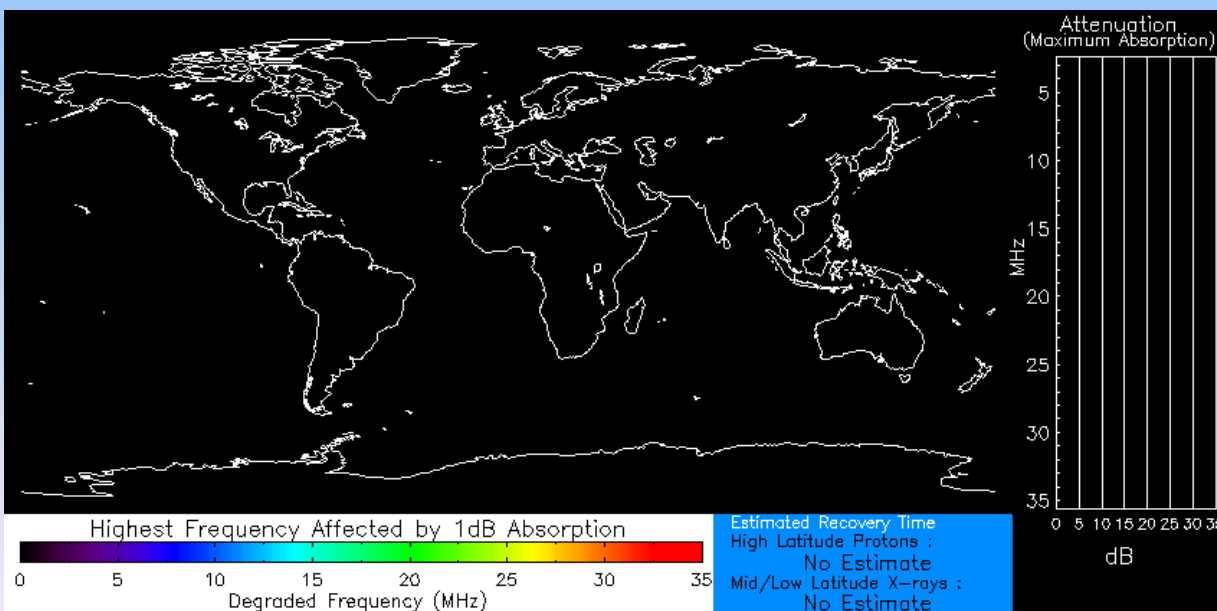
Space Weather 3-Day Forecast



	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%

[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)



Normal X-ray Background
Product Valid At : 2017-01-13 11:04 UTC

Normal Proton Background
NOAA/SWPC Boulder, CO USA

2017-01-12 15:40:00 UTC

Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

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<https://www.facebook.com/NWSSouthern>

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@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms